PATENT/Docket No. PC32199A

This listing of claims replaces all prior versions and listings of claims in the Application:

What is claimed is:

Claims 1-18 (Cancelled)

- 19. (New) A method of preventing or controlling testicular bovine viral diarrhea virus infection in a susceptible male animal by administering to the animal an effective amount of a vaccine comprising (a) a modified live type 1 bovine viral diarrhea virus (BVDV); (b) a modified live type 2 BVDV; (c) an inactivated type 1 BVDV; or (d) an inactivated type 2 BVDV; or a combination thereof.
- 20. (New) The method of claim 19, wherein the animal is selected from the group consisting of a bull, a ram, and a boar.
- 21. (New) The method of claim 20, wherein the animal is a bull.
- 22. (New) The method of claim 19, wherein the animal is at increased risk of BVDV testicular infection.
- 23. (New) The method of claim 19, wherein the vaccine further comprises one or more additional antigens selected from the group consisting of Bovine Herpes Virus (BHV-1), Parainfluenza Virus Type 3 (PIV3), Bovine Respiratory Syncytial Virus (BRSV), Leptospira canicola, Leptospira grippotyphosa, Leptospira borgpetersenii hardjo-prajitno, Leptospira icterohaemmorrhagia, Leptospira interrogans pomona, Leptospira borgpetersenii hardjo-bovis, Leptospira bratislava, Campylobacter fetus, Mannheimia (Pasteurella) haemolytica, Pasteurella multocida, Mycobacterium bovis, and Mycobacterium dispar.
- 24. (New) The method of claim 23, wherein said additional antigens comprise Bovine Herpes Virus (BHV-1), Parainfluenza Virus Type 3 (PIV3), and Bovine Respiratory Syncytial Virus (BRSV).
- 25. (New) The method of claim 19, wherein the vaccine comprises both a modified live type 1 BVDV and a modified live type 2 BVDV.
- 26. (New) The method of claim 25, wherein at least one of the modified live BVDVs is derived from a cytopathogenic virus.

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- 27. (New) The method of claim 25 wherein at least one of the modified live BVDVs is derived from a non-cytopathogenic virus.
- 28. (New) The method of claim 25, wherein both of the modified live BVDVs are derived from a cytopathogenic virus.
- 29. (New) The method of claim 25, wherein the vaccine further comprises one or more additional antigens selected from the group consisting of Bovine Herpes Virus (BHV-1), Parainfluenza Virus Type 3 (PIV3), Bovine Respiratory Syncytial Virus (BRSV), Leptospira canicola, Leptospira grippotyphosa, Leptospira borgpetersenii hardjo-prajitno, Leptospira icterohaemmorrhagia, Leptospira interrogans pomona, Leptospira borgpetersenii hardjo-bovis, Leptospira bratislava, Campylobacter fetus, Mannheimia (Pasteurella) haemolytica, Pasteurella multocida, Mycobacterium bovis, and Mycobacterium dispar.
- 30. (New) The method of claim 25, wherein said additional antigens comprise Bovine Herpes Virus (BHV-1), Parainfluenza Virus Type 3 (PIV3), and Bovine Respiratory Syncytial Virus (BRSV).
- 31. (New) The method of claim 19, wherein the vaccine comprises both an inactivated type 1 BVDV and an inactivated type 2 BVDV.
- 32. (New) The method of claim 31, wherein the vaccine further comprises one or more additional antigens selected from the group consisting of Bovine Herpes Virus (BHV-1), Parainfluenza Virus Type 3 (PIV3), Bovine Respiratory Syncytial Virus (BRSV), Leptospira canicola, Leptospira grippotyphosa, Leptospira borgpetersenii hardjo-prajitno, Leptospira icterohaemmorrhagia, Leptospira interrogans pomona, Leptospira borgpetersenii hardjo-bovis, Leptospira bratislava, Campylobacter fetus, Mannheimia (Pasteurella) haemolytica, Pasteurella multocida, Mycobacterium bovis, and Mycobacterium dispar.
- 33. (New) The method of claim 32, wherein said additional antigens comprise Bovine Herpes Virus (BHV-1), Parainfluenza Virus Type 3 (PIV3), and Bovine Respiratory Syncytial Virus (BRSV).